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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Wilfred H. Nelson et al. GROUP: 1641  
SERIAL NO: 08/818,534 EXAMINER: J. Hines  
FILED: 03/14/97  
FOR: DIRECT DETECTION OF BACTERIA-ANTIBODY  
COMPLEXES VIA UV RESONANCE RAMAN  
SPECTROSCOPY

Assistant Commissioner of Patents  
Washington, D.C. 20231

RECEIVED

AUG 16 2002  
TECH CENTER 1600/2900

Sir:

AMENDMENT

In response to the Office Action dated May 7, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend the following claims:

- 6
- 1 9. (Quatro Amended) A method for detecting the presence of a specific  
2 microorganism in a sample, the microorganism having a characteristic resonance enhanced  
3 Raman backscattered energy spectrum produced by irradiating nucleic acids in the  
4 microorganism at a wavelength between 242-257 nm, the method comprising:  
5 (a) contacting the sample with a medium comprising solid phase  
6 immobilized antibodies which specifically bind to a characteristic cell surface antigen on the  
7 microorganism to form an antigen-antibody complex, thereby immobilizing the microorganism  
8 on the solid phase;